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<http://www.cas.org/legal/infopolicy.html>

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      3941897 AY<2001
      21004357 PY<2001
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3411245 PRY<2001

L2 68 L1 AND (AY<2001 AND PY<2001 AND PRY<2001)

=> d 12 ti 1-68

L2 ANSWER 1 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Aqueous alkaline compositions for disinfecting and maintaining vertical or inclined lavatory surfaces free of soap scum

L2 ANSWER 2 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial cleaning composition containing a cationic surfactant useful for manual dishwashing

L2 ANSWER 3 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Oil-in-water suspoemulsion system for laundering, cleaning or surface treatment

L2 ANSWER 4 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Quinoline-indole antimicrobial agents

L2 ANSWER 5 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial cleaning composition containing a cationic surfactant

L2 ANSWER 6 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Multipurpose antimicrobial and antiviral compositions containing an oxidizing complex

L2 ANSWER 7 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Ultrasonic cleaning compositions for removal of food soil from hard surfaces

L2 ANSWER 8 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Disinfecting and cleaning compositions containing antimicrobial components for various surfaces

L2 ANSWER 9 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial perfume compositions

L2 ANSWER 10 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Amine oxide disinfectants containing isopropyl alcohol

L2 ANSWER 11 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Stabilized shampoo containing siloxysilicates

L2 ANSWER 12 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Preparation of antimicrobial detergent compositions comprising iodide-surfactant complex

L2 ANSWER 13 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial, no-rinse, hard-surface cleaners

L2 ANSWER 14 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Non-toxic antimicrobial lubricant

L2 ANSWER 15 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Compositions comprising aromatic sulfonate surfactant, sulfonated ester, nonionic surfactant and water-soluble solvent, and process for cleaning and finishing hard surfaces

L2 ANSWER 16 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI One liquid-type deodorant cleaners for car interior and method for deodorization

L2 ANSWER 17 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Skin cleanser comprising surfactants and antimicrobial compositions

L2 ANSWER 18 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Lathering surfactants in cleansing compositions for skin and/or hair which also deposits skin care actives

L2 ANSWER 19 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Fresh produce wash for increasing shelf life

L2 ANSWER 20 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Solid activator composition for use with oxygen bleaches

L2 ANSWER 21 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Antimicrobial multipurpose microemulsion cleaner containing a cationic surfactant/disinfectant

L2 ANSWER 22 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleaning and disinfecting compositions with shiny effects especially useful for hard surfaces

L2 ANSWER 23 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Non-toxic antimicrobial lubricant

L2 ANSWER 24 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Method for sanitization of substrates with detergent compositions

L2 ANSWER 25 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Aldehyde and/or antimicrobial composition for reduction of animal waste odors

L2 ANSWER 26 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing compositions with antimicrobial, antidandruff, antiitching, and deodorant effect

L2 ANSWER 27 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing products

L2 ANSWER 28 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing products

L2 ANSWER 29 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing products

L2 ANSWER 30 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing products

L2 ANSWER 31 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing products

L2 ANSWER 32 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleansing products

L2 ANSWER 33 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Aqueous, antimicrobial liquid cleaning formulation

L2 ANSWER 34 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Antimicrobial cleaning compositions containing aromatic alcohols or phenols

L2 ANSWER 35 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleaning compositions with effective cleaning and shine performance

L2 ANSWER 36 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Topical compositions comprising dispersed surfactant complex

L2 ANSWER 37 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI High-foaming detergent composition having a nonionic surfactant base and preparation thereof

L2 ANSWER 38 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Skin cleansing formulations with terpene solvents and corn meal scrubber

L2 ANSWER 39 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Contraceptive release systems with antibacterial and/or antiviral effect

L2 ANSWER 40 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Germicidal liquid laundry detergent compositions

L2 ANSWER 41 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Antimicrobial hand cleansing compositions showing no skin irritation

L2 ANSWER 42 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Aqueous antimicrobial compositions containing organotin compounds

L2 ANSWER 43 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Cleaning and disinfecting composition containing tertiary alkylamine and amine oxide

L2 ANSWER 44 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Disinfectant and sanitizing compositions based on essential oils

L2 ANSWER 45 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Foam-forming microbicidal aerosols.

L2 ANSWER 46 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Friction reducing composition and lubricant for motors

L2 ANSWER 47 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Quaternary ammonium compositions for disinfection

L2 ANSWER 48 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Polyglycidol amine oxide surfactants having antimicrobial activity

L2 ANSWER 49 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Antimicrobial ophthalmic solutions containing dodecyldimethyl-(2-phenoxyethyl)ammonium bromide as preservative

L2 ANSWER 50 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Disinfectant compositions containing amine oxides

L2 ANSWER 51 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Stable antimicrobial compositions containing alkylamine oxides and carboxylic acids

L2 ANSWER 52 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Disinfectant compositions containing aqueous lower alcohol, acidic component, and amino- or ammonium-based microbicide.

L2 ANSWER 53 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Dentifrices containing isopropylmethylphenols, fatty acid alkanolamides, and alkylamine oxides

L2 ANSWER 54 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Process for removing and preventing plaque and calculus by utilizing a mixture of an alkyl-N-betaine and an alkylidimethylamine oxide

L2 ANSWER 55 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Mixtures of amine oxides and surfactants with antimicrobial activity

L2 ANSWER 56 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial mixture containing a bisbiguanide and an amine oxide

L2 ANSWER 57 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI N-[4(1-Naphthoxy)butyl]amine N-oxides

L2 ANSWER 58 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Basic amino or ammonium antimicrobial agent-polyethylene glycol ester surfactant-betaine and/or amine oxide surfactant compositions

L2 ANSWER 59 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Anionic-amphoteric based antimicrobial shampoo

L2 ANSWER 60 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Amphoteric-nonionic based antimicrobial shampoo

L2 ANSWER 61 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Nonionic based antimicrobial shampoo

L2 ANSWER 62 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial compositions

L2 ANSWER 63 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial compositions

L2 ANSWER 64 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial compositions

L2 ANSWER 65 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial compositions

L2 ANSWER 66 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial compositions employing betaines and amine oxides

L2 ANSWER 67 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

TI Antimicrobial compositions employing substituted alanines and T-amine oxides

L2 ANSWER 68 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
TI Germicidal composition

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L2 ANSWER 1 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:1082162 CAPLUS Full-text  
DOCUMENT NUMBER: 143:28482  
TITLE: Aqueous alkaline compositions for disinfecting and maintaining vertical or inclined lavatory surfaces free of soap scum  
INVENTOR(S): Urban, Virginia L.  
PATENT ASSIGNEE(S): Reckitt & Colman Inc., USA  
SOURCE: Can. Pat. Appl., 18 pp.  
CODEN: CPXXEB  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2268863	A1	19991225	CA 1999-2268863	19990413 <--
PRIORITY APPLN. INFO.:			US 1998-90633P	P 19980625 <--
AB	Anionic surfactant-free aq. compns. for the title use, that are not intended to be rinsed off immediately after application, contain linear primary alc. ethoxylate 0.01-3, amine oxide 0.01-3, ≥1 Et-free, Pr- or Bu-ethers of glycol 0.01-5, microbial quaternary ammonium compound 0.01-5, and chelating agent 0.001-0.25%.			

L2 ANSWER 2 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2002:345945 CAPLUS Full-text  
DOCUMENT NUMBER: 136:356817  
TITLE: Antimicrobial cleaning composition containing a cationic surfactant useful for manual dishwashing  
INVENTOR(S): McCandlish, Elizabeth; Frank, Brian  
PATENT ASSIGNEE(S): Colgate-Palmolive Co., USA  
SOURCE: U.S., 5 pp., Cont.-in-part of U.S. 6,140,289.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6384004	B1	20020507	US 2001-782600	20010213 <--
US 6140289	A	20001031	US 2000-490546	20000124 <--
PRIORITY APPLN. INFO.:			US 2000-490546	A2 20000124 <--
OTHER SOURCE(S):	MARPAT 136:356817			
AB	An improvement is described in a cleaning compns. which are esp. effective in disinfecting the surface being cleaned and in the removal of oily and greasy soil without leaving streaks which contains a mixture of at least one nonionic surfactant, a cationic surfactant and an amine oxide surfactant, and water. An example of a cleaning composition contained BTC 888 (mixed cationic surfactants) 5.4, cocoamidopropyltrimethylamine oxide 18.4, APG 625			

(polyglucoside) 1.7, Neodol 91-6 (ethoxylated C9-11 alcs.) 14.4 and balance of water to 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2002:213810 CAPLUS Full-text  
DOCUMENT NUMBER: 136:249436  
TITLE: Oil-in-water suspoemulsion system for laundering, cleaning or surface treatment  
INVENTOR(S): Ochromogo, Maria G.; Deleo, Malcolm A.; Selbach, Hanneliese S.  
PATENT ASSIGNEE(S): The Clorox Company, USA  
SOURCE: U.S., 9 pp., Cont.-in-part of U.S. Ser. No. 427,140.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 8  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6358909	B1	20020319	US 2000-594666	20000615 <--
US 5972876	A	19991026	US 1996-731653	19961017 <--
PRIORITY APPLN. INFO.:			US 1996-731653	A2 19961017 <--
			US 1999-139904P	P 19990617 <--
			US 1999-427140	A2 19991025 <--

AB The suspoemulsion comprises: (A)  $\geq 50\%$  water as a continuous phase, (B) 0.01-50% at least one Active (definition given), (C) an encapsulate including an oil substantially completely coating B and suspending it within the aqueous phase, and (D) at least a 1st and 2nd nonionic surfactant having HLB (hydrophilic-lipophilic balance) <7 and >10 resp., wherein B is selected from an abrasive agent such as silica, an antimicrobial agent such as quaternary ammonium salts, fluoropolymers, polysaccharides, polycarboxylates, polystyrenesulfonates, polyvinylpyrrolidones, Me vinyl ether, poly(vinyl alc.), or mixture thereof.

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2001:25778 CAPLUS Full-text  
DOCUMENT NUMBER: 134:86170  
TITLE: Quinoline-indole antimicrobial agents  
INVENTOR(S): Cuny, Gregory D.; Hauske, James R.; Heefner, Donald L.; Hoemann, Michael Z.; Kumaravel, Gnanasambandam; Melikian-badalian, Anita; Rossi, Richard F.  
PATENT ASSIGNEE(S): Sepracor, Inc., USA  
SOURCE: U.S., 151 pp., Cont.-in-part of U.S. Ser. No. 45,051.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 7  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6172084	B1	20010109	US 1998-99640	19980618 <--
US 6207679	B1	20010327	US 1998-45051	19980319 <--
US 6103905	A	20000815	US 1998-213385	19981211 <--
US 6376670	B1	20020423	US 2000-658690	20000908 <--

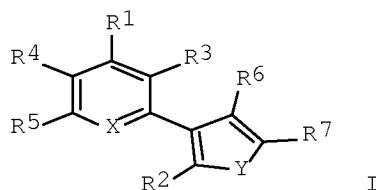
PRIORITY APPLN. INFO.:

US 1997-878781 B2 19970619 <--  
US 1998-45051 A2 19980319 <--  
US 1998-99640 A2 19980618 <--  
US 1998-213385 A1 19981211 <--  
US 2000-639622 A2 20000815 <--

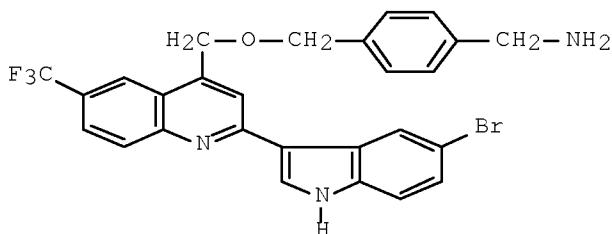
OTHER SOURCE(S):

MARPAT 134:86170

GI



I



II

AB Indolylquinolines I [X = N; Y = NR; R-R3 = independently H, halogen, alkyl, alkenyl, alkynyl, OH, alkoxy, silyloxy, NH2, NO2, SH, alkylthio, imino, amido, phosphoryl, phosphonate, phosphine, CO, CONH2, anhydride, silyl, alkylsulfonyl, arylsulfonyl, alkylseleno, aldehyde, ester, heteroalkyl, CN, guanidine, amidine, acetal, ketal, amine oxide, (hetero)aryl, azide, aziridine, carbamate, epoxide, C(:NH)OH, imide, oxime, SO2NH2, CSNH2, thiocarbamate, urea, thiourea, or (CH2)mR80; R4R5, R6R7 = atoms required to complete an (un)substituted fused benzo ring system; R80 = (un)substituted aryl, cycloalkyl, cycloalkenyl, heterocycle, or polycycle; m = 0-8] were prepared by conventional or combinatorial synthetic methods for use as bactericides. Thus, 4-H2NCH2C6H4CO2H was esterified, N-tert-butoxycarbonylated, reduced, and treated with iodine to give 4-BocNHCH2C6H4CH2I, which was coupled with the indolylquinolinemethanol fragment and deblocked to give the product II. II had MIC's <7 µg/mL against methicillin-resistant *Staphylococcus aureus*, vancomycin-resistant *Enterobacter* sp., and *Streptococcus pneumoniae*.

REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:769076 CAPLUS Full-text

DOCUMENT NUMBER: 133:336908

TITLE: Antimicrobial cleaning composition containing a cationic surfactant

INVENTOR(S): McCandlish, Elizabeth; Frank, Brian

PATENT ASSIGNEE(S): Colgate-Palmolive Company, USA

SOURCE: U.S., 5 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6140289	A	20001031	US 2000-490546	20000124 <--
WO 2001053442	A2	20010726	WO 2001-US2200	20010123 <--
WO 2001053442	A3	20011220		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2001034527	A	20010731	AU 2001-34527	20010123 <--
US 6384004	B1	20020507	US 2001-782600	20010213 <--
PRIORITY APPLN. INFO.:			US 2000-490546	A 20000124 <--
			WO 2001-US2200	W 20010123

OTHER SOURCE(S): MARPAT 133:336908

AB A cleaning compn. effective in disinfecting the surface being cleaned and in the removal of oily and greasy soil without leaving streaks contains a mixture of  $\geq 1$  nonionic surfactant, a cationic surfactant, an amine oxide surfactant, an alkyl polyglucoside surfactant and water. Thus, a composition was prepared by mixing BCT 888 5.4, cocoamidopropyltrimethylamine oxide 18.4, APG 625 1.7, Neodol 91-6 (cationic surfactant) 14.4, and H<sub>2</sub>O 60.1%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:706927 CAPLUS Full-text

DOCUMENT NUMBER: 133:248380

TITLE: Multipurpose antimicrobial and antiviral compositions containing an oxidizing complex

INVENTOR(S): Hei, Robert D. P.; Smith, Kim R.; Laugen, Polly D.; Kennedy, Shaun P.

PATENT ASSIGNEE(S): Ecolab Inc., USA

SOURCE: PCT Int. Appl., 95 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000057703	A1	20001005	WO 2000-US6147	20000309 <--
W: AE, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6436445	B1	20020820	US 1999-277592	19990326 <--

PRIORITY APPLN. INFO.: US 1999-277592 A 19990326 <--  
AB Multipurpose antimicrobial and antiviral compns. contain an oxidizing complex, which is a reaction product through an in situ preparation combining a quaternary or protonizable nitrogen compound, an oxidant compound and a halide source at controlled proportions in aqueous, non-aqueous, gel, aerosol, solid-phase or powdered media. The compds. can be used to reduce microbial and viral populations on a surface of an object, a body, or or stream of water.

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2000:351636 CAPLUS Full-text  
DOCUMENT NUMBER: 132:349319  
TITLE: Ultrasonic cleaning compositions for removal of food soil from hard surfaces  
INVENTOR(S): Bodet, Jean-Francois; Scheper, William Michael; McKenzie, Kristen Lynne; Kasturi, Chandrika  
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
SOURCE: PCT Int. Appl., 85 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000029540	A1	20000525	WO 1999-US27182	19991116 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2348936	A1	20000525	CA 1999-2348936	19991116 <--
EP 1131401	A1	20010912	EP 1999-963911	19991116 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9915733	A	20011002	BR 1999-15733	19991116 <--
JP 2002530484	T	20020917	JP 2000-582524	19991116 <--
MX 2001PA04936	A	20010710	MX 2001-PA4936	20010516 <--
PRIORITY APPLN. INFO.:			US 1998-108543P	P 19981116 <--
			WO 1999-US27182	W 19991116 <--

OTHER SOURCE(S): MARPAT 132:349319

AB Ultrasonic cleaning compns., or UCC's for esp. tableware, comprise .apprx.0.001-99%, preferably .apprx.0.01-90%, more preferably .apprx.0.1-80%, even more preferably .apprx.0.5-75%, an ultrasonic cleaning agent, where the composition is low foaming, has an interfacial tension .apprx.0.0001-10% mNm<sup>-1</sup>, preferably .apprx.0.0001-1% mNm<sup>-1</sup>, more preferably .apprx.0.001-1% mNm<sup>-1</sup> and is substantially free of antifoaming agents. An example cleaner contained ethoxylated alkyl sulfate 15.00, polyhydroxy fatty acid 2.2, amine oxide 2.2, ethoxylated undecyl alc. 0.5, 1,3-bis(methylamino)cyclohexane 4.0, MgCl<sub>2</sub> 0.72, Ca citrate 0.35, suds stabilizer di-Me acrylate-dimethylaminoethyl methacrylate copolymer 0.5%, and the balance water.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:335115 CAPLUS Full-text  
 DOCUMENT NUMBER: 132:323348  
 TITLE: Disinfecting and cleaning compositions containing antimicrobial components for various surfaces  
 INVENTOR(S): Serego, Giadra Allighieri; Romano, Nicoletta  
 PATENT ASSIGNEE(S): Procter and Gamble Company, USA  
 SOURCE: Eur. Pat. Appl., 13 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1001012	A1	20000517	EP 1998-870249	19981110 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
WO 2000027981	A1	20000518	WO 1999-US26590	19991110 <--
W: AU, CA, JP, MX, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRIORITY APPLN. INFO.:			EP 1998-870249	A 19981110 <--
AB	The disinfecting and cleaning compn. comprises a peroxygen bleach, a chelating agent, a quaternary ammonium compound and an essential oil. Thus, a composition comprised hydrogen peroxide 1.2, Thymol 0.045, poly(propylene glycol) monobutyl ether 0.25, amine oxide 0.55, Butyl Carbitol 0.55, butoxy propanol 0.55, ethanol 9.4, citric acid 1.5, salicylic acid 0.03, Bu hydroxy toluene 0.01, quaternary ammonium salt 0.1-5 parts and water balanced.			
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 9 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2000:290805 CAPLUS Full-text  
 DOCUMENT NUMBER: 132:325853  
 TITLE: Antimicrobial perfume compositions  
 INVENTOR(S): Holzner, Gunter  
 PATENT ASSIGNEE(S): Firmenich Sa, Switz.  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000024367	A1	20000504	WO 1999-IB1635	19991006 <--
W: BR, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
BR 9907057	A	20001017	BR 1999-7057	19991006 <--
EP 1043968	A1	20001018	EP 1999-946386	19991006 <--
EP 1043968	B1	20040915		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002528566	T	20020903	JP 2000-577978	19991006 <--
ES 2229767	T3	20050416	ES 1999-946386	19991006 <--
US 6479456	B1	20021112	US 2000-602075	20000623 <--
PRIORITY APPLN. INFO.:			CH 1998-2154	A 19981026 <--

AB The invention concerns antimicrobial perfume compns. comprising: a perfume ingredient having an antimicrobial activity of at least 80% as measured by the "agar surface coating test" (ACST), by the "vapor phase test" (VPT) or by the "direct spray method" (DSM); and an active ingredient selected among a grapefruit extract, a Fumaria extract, an ester of fumaric acid or lactic acid. The compns. may addnl. contain surfactants, softening agents, etc. Thus, a composition contained hexyl acetate 5.0, isobornyl acetate 8.0, linalyl acetate 9.2, Ambrox 0.3, bergamot oil 18.0, camphor 2.5, cedar oil 8.5, tricyclo[5.2.1.0]dec-3-en-8-yl propionate 3.5, coumarin 4.0, dihydromyrcenol 14.0, dihydroterpeniol 12.5, di-Ph oxide 1.5, 3-p-menthanone 4.0, nerol oxide 0.5, tetralinol 6.5, and 2,4-dimethyl-3-cyclohexene-1-carboxaldehyde 2.0 parts by weight

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:289272 CAPLUS Full-text

DOCUMENT NUMBER: 132:284222

TITLE: Amine oxide disinfectants containing isopropyl alcohol

INVENTOR(S): Devinsky, Ferdinand; Mlynarcik, Dusan; Lacko, Ivan

PATENT ASSIGNEE(S): Univerzita Komenskeho, Slovakia

SOURCE: Slovakia, 3 pp.

CODEN: SLXXFO

DOCUMENT TYPE: Patent

LANGUAGE: Slovak

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SK 279821	B6	19990413	SK 1994-1112	19940916 <--
PRIORITY APPLN. INFO.:			SK 1994-1112	19940916 <--

AB Disinfectants contg. 0.1-1.0% alkyldimethylamine oxides with long-chain (C10-C18) straight or branched alkyls in 30-95% aqueous isopropanol as a vehiculum with its own antimicrobial activity are described. Other components are 0.1-1.0% chlorhexidine digluconate, 1.0% glycerol, and 0.5-1.0% quaternary organic ammonium salts substituted with Me, Benzyl, and C12-C16 alkyls. The components provide a good product stability, broad antimicrobial spectrum, good detergent and penetration properties, and the presence of glycerol prevents excessive skin drying after application. These products can be used for the disinfection of hands and other body surfaces, in medical practice, community hygiene, food industry, agriculture, etc. An example of a disinfectant containing (1-methyldodecyl)dimethylamine oxide, carbethopendecinium bromide, and chlorhexidine digluconate and its antimicrobial activity against test microorganisms is presented.

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

73.70

73.91

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 26, 2008 (20080926/UP).

=> d ibib abs 11-20  
YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L2 ANSWER 11 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2000:259959 CAPLUS Full-text  
DOCUMENT NUMBER: 132:298452  
TITLE: Stabilized shampoo containing siloxysilicates  
INVENTOR(S): Reich, Charles; Chupa, Janine A.; Kozubal, Cheryl L.;  
Su, Dean Terng-Tzong  
PATENT ASSIGNEE(S): Colgate-Palmolive Company, USA  
SOURCE: PCT Int. Appl., 43 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000021494	A1	20000420	WO 1999-US23465	19991007 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6287546	B1	20010911	US 1999-406543	19990927 <--
AU 9962962	A	20000501	AU 1999-62962	19991007 <--
AU 766097	B2	20031009		
BR 9914338	A	20010626	BR 1999-14338	19991007 <--
EP 1119339	A1	20010801	EP 1999-950268	19991007 <--
EP 1119339	B1	20070926		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
TR 200101805	T2	20011221	TR 2001-1805	19991007 <--
NZ 511038	A	20030829	NZ 1999-511038	19991007 <--
RU 2232010	C2	20040710	RU 2001-112414	19991007 <--
AT 374058	T	20071015	AT 1999-950268	19991007 <--
TW 589192	B	20040601	TW 1999-88117355	19991008 <--
ZA 2001002775	A	20020704	ZA 2001-2775	20010404 <--
NO 2001001747	A	20010605	NO 2001-1747	20010406 <--
MX 2001PA03555	A	20020311	MX 2001-PA3555	20010406 <--
HK 1037533	A1	20080509	HK 2001-108453	20011130 <--
PRIORITY APPLN. INFO.:			US 1998-103830P	P 19981009 <--
			US 1999-406543	A 19990927 <--
			WO 1999-US23465	W 19991007 <--

OTHER SOURCE(S): MARPAT 132:298452

AB This invention relates to improved stabilized shampoo compns. contg. siloxysilicate materials commonly referred to as MQ resins, wherein the stabilizers are selected from (i) >C14 long-chain fatty alcs.; (ii) acrylate/steareth-20 methacrylate copolymer; acrylate copolymers; and acrylates/C10-30 alkyl acrylate crosslinked polymer; and (iii) N,N-disubstituted phthalamic acids and their ammonium salts. Thus, a shampoo formulation contained ammonium lauryl sulfate 16.80, monobasic sodium phosphate 0.30, Polyquaternium-10 0.25, cocodiethanolamide 2.00, guar gum 0.22, distearylmonium chloride 0.25, MQ resin 2.50, acrylic polymer 1.65, fragrance 0.75, and preservative 0.07%, and water qs.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:227740 CAPLUS Full-text

DOCUMENT NUMBER: 132:252848

TITLE: Preparation of antimicrobial detergent

compositions comprising iodide-surfactant complex

INVENTOR(S): Ofosu-Asante, Kofi; Boucher, Jeffrey Edward; Evans, Marcus Wayne; Zint, David Robert

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000018867	A1	20000406	WO 1999-US21572	19990916 <--
W: AU, BR, CN, CZ, JP, MX, RU, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9963925	A	20000417	AU 1999-63925	19990916 <--
EP 1115829	A1	20010718	EP 1999-951494	19990916 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002525418	T	20020813	JP 2000-572315	19990916 <--
US 6387856	B1	20020514	US 2001-787449	20010319 <--
PRIORITY APPLN. INFO.:			US 1998-101791P	P 19980925 <--
			WO 1999-US21572	W 19990916 <--

OTHER SOURCE(S): MARPAT 132:252848

AB Antimicrobial detergent compns. esp. suitable for manual dishwashing comprise 0.001-2% iodine ions complexed with an amphoteric surfactant, 5-90% uncomplexed surfactant selected from the group consisting of anionic surfactants, nonionic surfactants, amphoteric surfactants and mixture thereof, and 5-50% water. The detergent compns. have pH of 7-10. Preferably at least a portion of the iodine ions are added as an iodide in the form of a compound selected from the group consisting of KI, NaI, KOI, NaOI and Ca(OI)2.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:31337 CAPLUS Full-text

DOCUMENT NUMBER: 132:80123

TITLE: Antimicrobial, no-rinse, hard-surface cleaners

INVENTOR(S): Zhou, Boli; Stanislowski, Anna G.

PATENT ASSIGNEE(S): The Clorox Company, USA

SOURCE: U.S., 7 pp., Cont. of U.S. Ser. No. 507,543,  
abandoned.  
CODEN: USXXAM

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6013615	A	20000111	US 1997-807187	19970227 <--
US 6284723	B1	20010904	US 2000-480310	20000110 <--
PRIORITY APPLN. INFO.:			US 1995-507543	B1 19950726 <--
			US 1997-807187	A1 19970227 <--

AB The title cleaners with improved residue removal and reduced filming/streaking comprise (a) a solvent selected from C1-6 alkanols, C3-24 alkylene glycol ethers, and their mixts., (b) an amphoteric and/or nonionic surfactant, (c) quaternary ammonium surfactant, and (d) builder in H2O. A typical cleaner contained Barquat MB 50, NaOH, Alfonic 610-50, Barlox 12, BuOCH2CH2OH (solvent) and tetra-Na EDTA (builder) in H2O.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 14 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:808638 CAPLUS Full-text  
DOCUMENT NUMBER: 132:37917  
TITLE: Non-toxic antimicrobial lubricant  
INVENTOR(S): Lindman, Gerald  
PATENT ASSIGNEE(S): American Eagle Technologies, Inc., USA  
SOURCE: U.S., 4 pp., Cont.-in-part of Ser. No. US 1997-897133,  
filed on 18 Jul 1997, now  
CODEN: USXXAM

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6004909	A	19991221	US 1999-243150	19990202 <--
US 5869436	A	19990209	US 1997-897133	19970718 <--
PRIORITY APPLN. INFO.:			US 1997-897133	A2 19970718 <--
			US 1996-730355	B1 19961015 <--

AB A non-toxic antimicrobial boundary lubricant comprises a major portion of a base oil composed either sep. or in various combinations of animal, vegetable and/or petroleum oils and a minor portion of an extreme pressure additive; an antioxidant; and an antimicrobial compound. The lubricant has a pH of 7.40 ( $\pm 0.15$  pH units) and preferably contains chlorhexidine gluconate as an antimicrobial compound.

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:795520 CAPLUS Full-text  
DOCUMENT NUMBER: 132:37301  
TITLE: Compositions comprising aromatic sulfonate surfactant, sulfonated ester, nonionic surfactant and water-soluble solvent, and process for cleaning and finishing hard surfaces  
INVENTOR(S): Pedersen, Daniel E.; Lascotte, Keith G.

PATENT ASSIGNEE(S): Ecolab Inc., USA  
 SOURCE: Eur. Pat. Appl., 17 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 964056	A2	19991215	EP 1999-110844	19990607 <--
EP 964056	A3	20000105		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
AU 9929097	A	19991216	AU 1999-29097	19990518 <--
AU 756776	B2	20030123		
CA 2273741	A1	19991208	CA 1999-2273741	19990607 <--
MX 9905265	A	20020108	MX 1999-5265	19990607 <--
JP 2000087092	A	20000328	JP 1999-161052	19990608 <--
PRIORITY APPLN. INFO.:			US 1998-93321	A 19980608 <--

OTHER SOURCE(S): MARPAT 132:37301

AB The patent relates to an aq. low-foam hard surface finishing cleaner composition that can be used to remove soil residue on a hard surface leaving a clean shiny surface and the cleaner comprising: (a) an effective soil removing amount of an aromatic sulfonate surfactant, (b) an effective amount of a sulfonate ester, (c) an effective defoaming amount of a nonionic defoaming surfactant, and (d) a major proportion of water soluble solvent. The water soluble solvent is selected from a lower alkanol such as methanol, ethanol, isopropanol, n-propanol and mixts. thereof, and monoalkylether of aliphatic glycol, polyethylene glycol and polypropylene glycol. Hard surfaces such as tile, metal, glass, etc. typically in hospitality locations can be cleaned to a bright, shiny, residue-free appearance using a process comprising cleaning the surface with a first cleaning composition and removing the resulting cleaner residue with a finish cleaner composition. The finish cleaner composition removes all trace of soil and cleaner from the first step and dries to a bright, shiny, spot-free, streak-free, and film-free appearance without a need for a final wipe step.

L2 ANSWER 16 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1999:772223 CAPLUS Full-text  
 DOCUMENT NUMBER: 132:6409  
 TITLE: One liquid-type deodorant cleaners for car interior  
and method for deodorization  
 INVENTOR(S): Kobayashi, Akio; Takishita, Katsuhisa; Etsuzan,  
Takeshi  
 PATENT ASSIGNEE(S): Ishihara Yakuhin Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11332960	A	19991207	JP 1998-144435	19980526 <--
JP 3963411	B2	20070822		
PRIORITY APPLN. INFO.:			JP 1998-144435	19980526 <--

AB One liq.-type deodorant cleaners contg. org. antimicrobial agents 0.01-20, deodorants 0.5-10 and surfactants 0.1-20 weight% for car interior and method for deodorization are claimed. A method for deodorization involves: spraying the deodorants to the car interior and removing the stains with steam cleaner.

L2 ANSWER 17 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:717946 CAPLUS Full-text  
DOCUMENT NUMBER: 131:303235  
TITLE: Skin cleanser comprising surfactants and antimicrobial compositions  
INVENTOR(S): Popplewell, John David; Wigley, Rosemary Beth  
PATENT ASSIGNEE(S): Johnson & Johnson (Proprietary) Limited, S. Afr.  
SOURCE: S. Africam, 13 pp.  
CODEN: SFXXAB  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ZA 9600373	A	19960801	ZA 1996-373	19960117 <--
PRIORITY APPLN. INFO.:			ZA 1994-8173	A 19941018 <--

AB A surfactant base for antimicrobial compns., which includes at least one surfactant compatible with cationic antimicrobial agents is disclosed for skin cleansing. A liquid soap formulation contained Crodasinic LS30 10.00, Tegobetaine L7 10.00, Plantaren-2000 5.00, Empilan 2502 2.50, Aminoxid WS35 4.00, Crothix 2.00, Abilquat 3272 0.40, chlorhexidine gluconate 1.50, Perfume SO5372C/L 0.50, Brown FK16387 0.46, 0.1% Lissamine yellow 2G 0.26, and water 64.44%.

L2 ANSWER 18 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:708579 CAPLUS Full-text  
DOCUMENT NUMBER: 131:327309  
TITLE: Lathering surfactants in cleansing compositions for skin and/or hair which also deposits skin care actives  
INVENTOR(S): Albacarys, Lourdes Dessus; McAtee, David Michael; Deckner, George Endel  
PATENT ASSIGNEE(S): Procter + Gamble Co., USA  
SOURCE: PCT Int. Appl., 94 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 8  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9955303	A1	19991104	WO 1999-IB635	19990412 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2332948	A1	19991104	CA 1999-2332948	19990412 <--

AU 9929524	A	19991116	AU 1999-29524	19990412 <--
AU 756691	B2	20030123		
BR 9909629	A	20001219	BR 1999-9629	19990412 <--
EP 1071396	A1	20010131	EP 1999-910615	19990412 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2002512944	T	20020508	JP 2000-545503	19990412 <--
MX 2000PA10386	A	20010731	MX 2000-PA10386	20001023 <--
PRIORITY APPLN. INFO.:			US 1998-83015P	P 19980424 <--
			WO 1999-IB635	W 19990412 <--

AB The present invention relates to a substantially dry, disposable, personal cleansing article useful for both cleansing the skin or hair and delivering skin care actives onto the skin or hair. These articles are used by the consumer by (i) wetting the dry article with water and (ii) generating lather by subjecting the wetted article to mech. forces, e.g., rubbing. The article comprises a water insol. substrate, a lathering surfactant, and a skin care active component. Preferably, the articles of the present invention further comprise a deposition aid and/or a conditioning component. E.g., a surfactant phase was prepared by dissolving hydroxyethyl cellulose 0.25% and guar gum 0.25% in water (to 100% by weight) and then adding the following ingredients: Na lauroyl sarcosinate 3.33, cocamidopropyl betaine 3.33, decyl polyglucoside 3.33, Me paraben 0.25, phenoxyethanol 0.3, and benzyl alc. 0.3%, resp.. At the end, a 1.5-2.5 g of the mixture containing water 2.0 g, butylene glycol 2.0 g, and Pr paraben 0.15 g was added to the first mixture and dried. A skin care active phase was prepared containing SEFA cottonate 43.0, petrolatum 10.00, tribehenin 5.0, polyethylene wax 9.0, synthetic beeswax 3.0, C10-30 cholesterol/lanosterol esters 23.0, vitamin A acetate 2.0, and TiO2 5.0 parts. A 0.05-0.75 g of this phase was mixed with the surfactant phase to obtain a skin or hair cleansing composition

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 19 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1999:483382 CAPLUS Full-text  
 DOCUMENT NUMBER: 131:101552  
 TITLE: Fresh produce wash for increasing shelf life  
 INVENTOR(S): Green, Bruce Phillip  
 PATENT ASSIGNEE(S): Health and Hygiene International Pty. Ltd., Australia  
 SOURCE: PCT Int. Appl., 28 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9937172	A1	19990729	WO 1999-AU46	19990121 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ZA 9900446	A	19990721	ZA 1999-446	19990121 <--
AU 9921439	A	19990809	AU 1999-21439	19990121 <--
PRIORITY APPLN. INFO.:			AU 1998-1465	A 19980121 <--
			WO 1999-AU46	W 19990121 <--

AB A compn. is disclosed for increasing the shelf life of fruit, vegetable and animal produce. The composition is also suitable for removing surface contaminants from fruit, vegetable and animal produce. The composition includes: (a) one or more surfactant(s), (b) one or more anti-microbial, fungicidal and/or fungistat agent(s), (c) one or more buffering agent(s) and/or sequestering agent(s), (d) one or more anti-browning agent, and (e) one or more stabilizer(s) and/or processing additive(s). The composition is applied to the produce and optionally, the produce is subsequently rinsed with water.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 68 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:483349 CAPLUS Full-text  
DOCUMENT NUMBER: 131:103782  
TITLE: Solid activator composition for use with oxygen bleaches  
INVENTOR(S): Oberlander, Michael; Langguth, Robert P.  
PATENT ASSIGNEE(S): Noramtech Corporation, USA  
SOURCE: U.S., 5 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5932531	A	19990803	US 1997-938759	19970926 <--
PRIORITY APPLN. INFO.:			US 1997-938759	19970926 <--

AB Solid activator compns. for activating O-based bleach in detergents at relatively low temps. preferably include resp. quantities of (Ac2NCH2)2, phosphate sequestering agent, non-phosphate solidifying agent, e.g., Na2SO4, NaCl, etc., anionic, nonionic and/or amine oxide surfactants and H2O. The activator bodies are readily dispersible in hot H2O to form dilute dispersions which can be added directly to cleaning equipment along with O-based bleach. The activator enhances bleaching effectiveness and generates peracetic acid, a potential antimicrobial. A preferred activator composition contains H2O 30.0, Na polyacrylate (45-50%) 5.0, (Ac2NCH2)2 8.0, tetrasodium pyrophosphate 18.0, Na2SO4 11.8, Na alkylbenzenesulfonates (90%) 3.0, Tinopal CBS 0.2, pentasodium tripolyphosphate 22.0 and polyglucoside (nonionic surfactant) 2.0%.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>  
=> s amine and antimicrobial  
0 AMINE  
0 ANTIMICROBIAL

L3 0 AMINE AND ANTIMICROBIAL

=> file caplus  
COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE ENTRY	TOTAL SESSION
1.86	105.41
SINCE FILE ENTRY	TOTAL SESSION
0.00	-16.00

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FILE COVERS 1907 - 29 Sep 2008 VOL 149 ISS 14  
FILE LAST UPDATED: 28 Sep 2008 (20080928/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s amine and antimicrobial  
296499 AMINE  
271369 AMINES  
449408 AMINE  
(AMINE OR AMINES)  
81286 ANTIMICROBIAL  
5696 ANTIMICROBIALS  
83031 ANTIMICROBIAL  
(ANTIMICROBIAL OR ANTIMICROBIALS)  
L4 2382 AMINE AND ANTIMICROBIAL

=> s (alkyl amine) and antimicrobial  
618503 ALKYL  
6730 ALKYLS  
621547 ALKYL  
(ALKYL OR ALKYLS)  
296499 AMINE  
271369 AMINES  
449408 AMINE  
(AMINE OR AMINES)  
3275 ALKYL AMINE  
(ALKYL(W)AMINE)  
81286 ANTIMICROBIAL  
5696 ANTIMICROBIALS  
83031 ANTIMICROBIAL  
(ANTIMICROBIAL OR ANTIMICROBIALS)  
L5 27 (ALKYL AMINE) AND ANTIMICROBIAL

=> s 15 and (py<2001 and ay<2001 and pry<2001)  
21004357 PY<2001  
3941897 AY<2001  
3411245 PRY<2001  
L6 8 L5 AND (PY<2001 AND AY<2001 AND PRY<2001)

=> d ibib abs 1-8

L6 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2000:529214 CAPLUS Full-text  
DOCUMENT NUMBER: 133:122024  
TITLE: Antimicrobial multi purpose cleaner  
containing a cationic surfactant, disinfectant,  
boosters, and cosurfactants  
INVENTOR(S): Mondin, Myriam; Blanvalet, Claude; Andries, Nicole;  
Fonsny, Pierre; Dormal, Didier  
PATENT ASSIGNEE(S): Colgate Palmolive Company, USA  
SOURCE: U.S., 7 pp., Cont.-in-part of U.S. Ser. No. 342,548,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6096701	A	20000801	US 1999-461611	19991215 <--
WO 2001000777	A1	20010104	WO 2000-US18005	20000629 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1194517	A1	20020410	EP 2000-946915	20000629 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1999-342548	B2 19990629 <--
			US 1999-461611	A 19991215 <--
			WO 2000-US18005	W 20000629 <--

AB Compns. which are esp. effective in disinfecting and in the removal of oily and greasy soil contain a mixture of a disinfecting agent selected from C8-16 alkyl amines, C8-16 alkyl benzyl di-Me ammonium chlorides, C8-16-dialkyl di-Me ammonium chlorides, C8-14 alkyl di-Me ammonium chloride, di-Me benzyl alkonium chloride, chlorhexidine and mixts. 0.1-10, a booster agent for the disinfecting agent 0.05-6, a sulfonate surfactant 0.1-10, a hydrocarbon ingredient 0.05-3, fatty acid 0.1-2.5, ethoxylated nonionic surfactant 0.1-10, a water-soluble cosurfactant 0.1-10%, and the balance H2O. An example cleaner contained paraffin sulfonate 1, Plurafac LF300 4, Neodol 91/2.5 2, ethoxylated hexanol 4, coco fatty acid 0.5, Bardac 2170 2.5, perfume 0.8%, and the balance water.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1999:383958 CAPLUS Full-text  
DOCUMENT NUMBER: 131:20615  
TITLE: Antimicrobial multi purpose microemulsion compositions  
INVENTOR(S): Fonsny, Pierre; Burke, Julie; Dormal, Didier  
PATENT ASSIGNEE(S): Colgate Palmolive Company, USA

SOURCE: U.S., 8 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5911915	A	19990615	US 1997-989344	19971212 <--
WO 9931216	A1	19990624	WO 1998-US26264	19981210 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9918150	A	19990705	AU 1999-18150	19981210 <--
US 6121224	A	20000919	US 1998-218400	19981222 <--
US 6323171	B1	20011127	US 2000-479346	20000107 <--
PRIORITY APPLN. INFO.:				
			US 1997-989344	A 19971212 <--
			US 1998-109690	A 19980702 <--
			WO 1998-US26264	W 19981210 <--

OTHER SOURCE(S): MARPAT 131:20615

AB The microemulsion compns. which are esp. effective in disinfecting the surface being cleaned and in the removal of oily and greasy soil without leaving streaks comprise a mixture of  $\geq 1$  disinfecting agent of C8-16 alkyl amine, C8-16 dialkyl di-Me ammonium chloride, C8-16 alkyl benzyl dimethylammonium chloride and/or chlorohexidine,  $\geq 1$  surfactant of an ethoxylate nonionic surfactant, an amphoteric surfactant, a cationic surfactant and/or an amphoteric surfactant, a water-soluble solvent, a hydrocarbon ingredient, essential or perfume and water. Thus, a composition having pH 8.9 was made from Neodol 91-5 1.55, Amphionic SFB 0.9, propylene glycol Bu ether 4 and balanced water.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1999:27916 CAPLUS Full-text  
 DOCUMENT NUMBER: 130:83906  
 TITLE: Lubricant concentrates and aqueous lubricants containing alkaline ether amines and diamines for conveyor belts  
 INVENTOR(S): Person Hei, Kimberly L.; Besse, Michael E.; Sykes, Christopher S.  
 PATENT ASSIGNEE(S): Ecolab Inc., USA  
 SOURCE: PCT Int. Appl., 21 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9859023	A1	19981230	WO 1998-US9806	19980512 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,				

KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,				
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,				
UA, UG, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,				
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,				
CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5932526	A	19990803	US 1997-879963	19970620 <--
CA 2291246	A1	19981230	CA 1998-2291246	19980512 <--
CA 2291246	C	20070626		
AU 9874856	A	19990104	AU 1998-74856	19980512 <--
AU 743671	B2	20020131		
EP 990018	A1	20000405	EP 1998-922269	19980512 <--
EP 990018	B1	20030423		
R: BE, DE, FR, GB, IT, NL, SE				
NZ 500840	A	20000825	NZ 1998-500840	19980512 <--
BR 9810049	A	20000919	BR 1998-10049	19980512 <--
JP 2002505705	T	20020219	JP 1999-504409	19980512 <--
JP 4065031	B2	20080319		
CN 1097631	C	20030101	CN 1998-806293	19980512 <--
PL 190632	B1	20051230	PL 1998-337518	19980512 <--
ZA 9805234	A	20000110	ZA 1998-5234	19980617 <--
MX 9912040	A	20000930	MX 1999-12040	19991217 <--
PRIORITY APPLN. INFO.:				
			US 1997-879963	A 19970620 <--
			WO 1998-US9806	W 19980512 <--

OTHER SOURCE(S): MARPAT 130:83906

AB A lubricant conc., at pH .gtorsim.10, esp. for belt conveyors, contains: (1) of  $\geq 1$  ether amine, of general formula R1-O-R2-NH2, or ether diamine, of general formula R1-O-R2-NH-R3-NH2 (R1 = linear, branched, saturated, or unsatd. C6-18-alkyl; R2 = linear or branched C1-8-alkylene; R3 = linear or branched C1-8-alkylene), and (2) a surfactant to solubilize the ether amine or ether diamine when diluted with water. Preferred compds. for the ether amines or ether diamines are when R1 = C12-16-alkyl, R2 = C2-6-alkylene, and R3 = C2-6-alkylene. The lubricant, when diluted, contains 10-10,000 (preferably 50-2000) ppm of the active ether amines or diamines; the concentrate contains 0.25-75 (preferably 0.5-50) weight% of the active compds. The surfactant, present at 0.5-50 weight% concentration, is preferably a nonionic surfactant chosen from ethoxylated alkylphenols, ethoxylated primary alc. or secondary alc., an ethoxylated linear alkyl amine, and an ethoxylated linear alkyl ether amine. In addition, the lubricant can contain antimicrobial additives and alkalinity-inducing agents.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1989:74130 CAPLUS Full-text  
 DOCUMENT NUMBER: 110:74130  
 ORIGINAL REFERENCE NO.: 110:12227a,12230a  
 TITLE: Stable antimicrobial compositions containing alkylamine oxides and carboxylic acids  
 INVENTOR(S): Stanton, James H.; Lichorat, James L.; Lopes, John A.  
 PATENT ASSIGNEE(S): Diversey Corp., Can.  
 SOURCE: Eur. Pat. Appl., 24 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----

EP 245928	A2	19871119	EP 1987-302215	19870316 <--
EP 245928	A3	19891206		
EP 245928	B1	19940126		
R: AT, BE, DE, ES, FR, GB, IT, NL, SE				
US 4715980	A	19871229	US 1986-840336	19860317 <--
US 4776974	A	19881011	US 1987-20367	19870302 <--
CA 1275245	C	19901016	CA 1987-531940	19870313 <--
CA 1275918	C	19901106	CA 1987-531942	19870313 <--
DK 8701342	A	19870918	DK 1987-1342	19870316 <--
DK 171460	B1	19961111		
AT 100669	T	19940215	AT 1987-302215	19870316 <--
ES 2061488	T3	19941216	ES 1987-302215	19870316 <--
US 4715980	B1	19920407	US 1991-90002349	19910220 <--
PRIORITY APPLN. INFO.:				
			US 1986-840336	A 19860317 <--
			US 1987-20367	A 19870302 <--
			EP 1987-302215	A 19870316 <--

AB An antimicrobial conc. which is low-foaming, stable, and is effective against Gram-neg. and Gram-pos. bacteria and yeasts when diluted comprises an antimicrobial agent selected from mono- or dicarboxylic acids of general formula R<sub>3</sub>COOH (R<sub>3</sub> = C<sub>6</sub>-12 straight or branched, saturated or unsatd. alkyl) and HOOCXR<sub>1</sub>R<sub>2</sub>COOH (X = C<sub>2</sub> saturated or unsatd. hydrocarbon; R<sub>1</sub> = C<sub>6</sub>-12 substituted or unsubstituted n-alkyl or n-alkenyl; R<sub>2</sub> = H or alc. group), resp., or their mixture, a solubilizer, a diluent, and an acid to give pH ≤ 5.0 upon dilution. A solution containing 500 ppm. each of n-octenylsuccinic acid and Na xylene sulfate and Na<sub>2</sub>HPO<sub>4</sub>-citric acid buffer to pH 3.0-3.9 gave ≥99.999% kill of *Staphylococcus aureus* and *Escherichia coli* within 30 s.

L6 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1989:23322 CAPLUS Full-text  
 DOCUMENT NUMBER: 110:23322  
 ORIGINAL REFERENCE NO.: 110:3933a, 3936a  
 TITLE: Preparation of N,N'-bis(alkyldimethyl)-3-oxa-1,5-pentanediammonium dibromides as antimicrobial agents  
 INVENTOR(S): Devinsky, Ferdinand; Lacko, Ivan; Bittererova, Fabiola  
 PATENT ASSIGNEE(S): Czech.  
 SOURCE: Czech., 3 pp.  
 CODEN: CZXXA9  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Slovak  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
CS 245099	B1	19860814	CS 1985-3253	19850506 <--
PRIORITY APPLN. INFO.:				
			CS 1985-3253	19850506 <--
AB RMe <sub>2</sub> N+CH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> +NMe <sub>2</sub> R 2Br- (I; R = C <sub>6</sub> -16 alkyl) are prep'd. either (1) by reaction of BrCH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> Br (II) with RNMe <sub>2</sub> or (2) by reaction of Me <sub>2</sub> NCH <sub>2</sub> CH <sub>2</sub> OCH <sub>2</sub> CH <sub>2</sub> NMe <sub>2</sub> with RBr. BuCH <sub>2</sub> CH <sub>2</sub> NMe <sub>2</sub> was added to II in MeCN and the mixture refluxed 12 h to give 93.9% I (R = BuCH <sub>2</sub> CH <sub>2</sub> ). The min. inhibition concentration of the latter against <i>Staphylococcus aureus</i> was 1000 µg/mL.				

L6 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1979:427188 CAPLUS Full-text  
 DOCUMENT NUMBER: 91:27188  
 ORIGINAL REFERENCE NO.: 91:4385a, 4388a

TITLE: Antimicrobial compositions  
 INVENTOR(S): Michaels, Edwin B.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: Can., 15 pp.  
 CODEN: CAXXA4  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 5  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 1052274	A1	19790410	CA 1976-267592	19761210 <--
US 4062976	A	19771213	US 1975-641730	19751218 <--
PRIORITY APPLN. INFO.:			US 1975-641730	A 19751218 <--

AB Antimicrobial compns. to control body odor and topical infections, with enhanced efficacy and safety, comprise an alkylalanine,  $RNHCH_2CH_2CO_2H$  or  $R(CH_2CH_2CO_2H)_2$  where  $R = C_{10-18}$  alkyl, amine oxides  $R_1N(O)Me_2$ ,  $R_1N(O)(CH_2CH_2OH)_2$  or  $R_1CONH(CH_2)_3N(O)Me_2$ , where  $R_1 = C_{10-18}$  alkyl and an acid to adjust the pH from 4-6. A body wash containing N-cocoalanine 6, cocoamido-N,N-dimethylamine oxide 6 and citric acid [77-92-9] 0.55% in distilled water, having pH 5, controlled body odor from 48-96 h.

L6 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 1971:551849 CAPLUS Full-text  
 DOCUMENT NUMBER: 75:151849  
 ORIGINAL REFERENCE NO.: 75:23953a,23956a  
 TITLE: Condensation products from 4-(guanylazo)-4-deoxyrifamycin SV with alkyl amines  
 INVENTOR(S): Maggi, Nicola; Sensi, Piero  
 PATENT ASSIGNEE(S): Gruppo Lepetit S.p.A.  
 SOURCE: Ger. Offen., 15 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2104874	A	19710916	DE 1971-2104874	19710203 <--
BE 762657	A1	19710716	BE 1971-99517	19710208 <--
CA 956306	A1	19741015	CA 1971-105634	19710217 <--
NL 7102151	A	19710825	NL 1971-2151	19710218 <--
NL 167164	B	19810616		
NL 167164	C	19811116		
US 3979376	A	19760907	US 1971-116601	19710218 <--
CH 525233	A	19720715	CH 1971-525233	19710222 <--
JP 50037680	B	19751204	JP 1971-8082	19710222 <--
FR 2081534	A5	19711203	FR 1971-6109	19710223 <--
FR 2081534	A1	19711203		
GB 1283187	A	19720726	GB 1971-1283187	19710419 <--
PRIORITY APPLN. INFO.:			IT 1970-20973	A 19700223 <--

AB Antimicrobial condensation products from 4-(guanylazo)-4- deoxyrifamycin SV (I) with alkyl amines, e.g.  $H_2NCH_2CH_2NH_2$  (II),  $H_2NCH_2CH_2NHMe$ ,  $HOCH_2CH_2NH_2$ ,  $MeNH(CH_2)_3NH_2$ , 1,1-diethyldiethylenetriamine, or N-cyclohexyl-1,3-propanediamine, were prepared. The condensation products are of low toxicity and especially active against *Mycobacterium tuberculosis* H37Rv, the growth of which is inhibited at concns. of 0.001-0.002 g/ml. Thus, 1 g II was added to

1 g I in THF and kept 24 hr at 20-30° to give 39% I-II condensation product. Seven other condensation products were similarly prepared

L6 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1963:52852 CAPLUS Full-text  
DOCUMENT NUMBER: 58:52852  
ORIGINAL REFERENCE NO.: 58:8934d-h, 8935a-b  
TITLE: Diamine compounds  
INVENTOR(S): Goldberg, Moses W.; Teitel, Sidney  
PATENT ASSIGNEE(S): Hoffman-La Roche Inc.  
SOURCE: 3 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3064039	---	19621113	US 1958-733814	19580508 <--
PRIORITY APPLN. INFO.:				
AB The title compds. have the formula I, where m is 0 or 1, R is a lower alkyl radical, for example, methyl to heptyl and R' is an alkylene group containing 2 to 10 C atoms. X is an anion from organic and inorg. acids such as hydrohalic or other mineral acids. The title compds. are prepared by treating two moles [1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)butyl]di(lower-alkyl)amine or a [2-methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butyl]di(lower-alkyl)amine with one mole $\alpha, \omega$ -dihaloalkane. The compds. are useful as antimicrobial agents. They are active against Trichophyton mentagrophytes, Microsporon lanosum, and Trichomonas vaginalis. In an example, 5 teaspoons of Raney Ni catalyst were added to a solution of 250 g. $\beta$ -ionone and 200 g. anhydrous methylamine in 400 ml. EtOH. The mixture was hydrogenated at 150° and 1500 lb./in.2 to yield [1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-methylamine (I), b0.5 117-19°. I (62 g.) was dissolved in 38 ml. 90% HCO2H (II) and 28.5 ml. 35% HCHO added. The mixture was stirred on a steam-bath 3 hrs. and excess II and III were distilled. The residual oil was made strongly alkaline with 50% KOH and Et2Oextd. Washing, drying, and distillation gave [1-methyl-3-(2,6,6-tri-methyl-1-cyclohexen-1-yl)propyl]dimethylamine (IV), b0.2 97-9°. An aliquot of IV, neutralized with (CO2H)2 in EtOH gave [1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl] dimethylamine monooxalate, m. 189-90°. Similarly, IV with alc. HCl gave [1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]di-methylamine hydrochloride, m. 69-71° (MeCN-Et2O). IV (13.4 g.) and 1,3-dibromopropane (6.1 g.) were dissolved in 150 ml. absolute EtOH and refluxed 72 hrs.; concentration and trituration with Et2O gave N,N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-N,N'-dimethyl-1,3-propanediamine bis(methobromide)dihydrate, m. 195-6° (Me2CO-Et2O). Similarly, IV with 1,4-dibromobutane gave N, N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-N,N'-dimethyl- 1,4-butanediamine bis(methobromide)hemihydrate, m. 231-3° (decompose) (MeCN)-Me2CO). IV with 1,5-dibromopentane gave N,N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-N,N'- dimethyl-1,5-pentanediamine bis(methobromide)sesquihydrate, m. 233-5°, decompose (MeCN-Et2O). IV with 1,6-dibromohexane (V) gave N,N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]- N,N'-dimethyl-1,6-hexanediamine bis(methobromide) monohydrate, m. 245-6° (decompose). IV with 1,7-dibromoheptane gave N,N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-N,N'- dimethyl-1,7-heptanediamine bis(methobromide) dihydrate, m. 218-19° (EtOH-petr. ether). Hydrogenation of 4-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2-methyl-2-buten-1-al and- anhydrous methylamine gave N-(2-methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butyl)dimethylamine (VI), b0.4 100°. VI				

with V gave N,N'-bis[2-methyl-4-(2,6,6-trimethyl-1-cyclohexen-1-yl)butyl]-N,N'-dimethyl-1,6-hexanediamine bis(methobromide) dihydrate, m. 225-6° (decompose) (iso-PrOH). IV with 1,2-dibromoethane gave N,N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-N,N'-dimethyl-1,2-ethylenediamine bis-(methobromide) monohydrate, m. 157-8° (decompose) (Me2COEt2O). IV with 1,10-dibromodecane gave N,N'-bis[1-methyl-3-(2,6,6-trimethyl-1-cyclohexen-1-yl)propyl]-N,N'-dimethyl-1,10-decanediamine bis(methobromide)sesquihydrate, m. 190-2° (CetOH-Me2CO-Et2O).

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